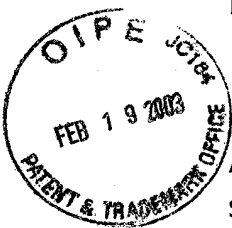


MAT-7985US

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: H. Fujinaka : Art Unit: 2834  
Serial No.: 09/607,103 : Examiner: T. Lam  
Filed: June 29, 2000 :  
For: MOTOR CORE AND MOTOR :  
USING THE SAME

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FEB 26 2003  
TECHNOLOGY CENTER 2800

AMENDMENT

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FEB 21 2003

OFFICE OF PETITIONS

Assistant Commissioner for Patents  
Washington, DC 20231

S I R :

Responsive to the Official Action dated December 10, 2002, please  
amend the above-identified application as follows:

CLAIMS:

Please replace claims 1 and 42 with the following amended claims:

- 1                    1. (Twice Amended) A core for use in a motor, said motor including N  
2                    and S magnetic poles for generating a magnetic field to which said core is opposed,  
3                    said core comprising:  
  
4                    a plurality of slots formed in said core, said plurality of slots each  
5                    have an electrical angle which is one of:  
  
6                    a)            between 90 degrees and 95 degrees; and  
  
7                    b)            between 20 degrees and 35 degrees,  
  
8                    a number of said magnetic poles is  $2m$  and a number of said slots is  
9                     $3n$  ( $m$  and  $n$  are integers).

1                   42.     (Twice Amended) A motor including:

2                   (a) magnetic field generating means having N and S magnetic poles  
3     for generating a magnetic field; and

4                   (b) a core made of magnetic material and opposed to said magnetic  
5     field generating means;

6                   wherein one of said magnetic field generating means and said core  
7     rotates with respect to the other,

8                   wherein a number of said magnetic poles is  $2m$  and a number of slots  
9     of said core is  $3n$  ( $m$  and  $n$  are integers), and

10                  a plurality of slots formed in said core, said plurality of slots each  
11     have an electrical angle which is one of:

12                  a) between 90 degrees and 95 degrees; and

13                  b) between 20 degrees and 35 degrees.